



Cal OES

Daily Weather Threat Briefing

Regional Operations Center

Western Region

Tuesday, August 2



Day 1 (Tuesday): Scattered showers and thunderstorms will redevelop this afternoon and evening across southern California, the Sierra, far western portions of the Central Valley, and the northern mountains. Locally heavy rainfall will bring a flash flood threat to southern portions of the state, while dry lightning and gusty thunderstorm winds are possible across the north, bringing elevated to critical fire weather conditions.



Weather Risk Outlook

Regional Operations Center
Western Region
Tuesday, August 2

	Tue, Aug 2	Wed, Aug 3	Thu, Aug 4	Fri, Aug 5	Sat, Aug 6	Sun, Aug 7	Mon, Aug 8
Fire Weather Low RH / Wind / Dry T-Storms	Inland (North)	Inland	Inland	Inland	Inland/ Southern	Inland/ Southern	Inland/ Southern
Thunderstorms Wind / Hail / Tornadoes	Inland (Mountains)	Inland (Mountains)	Inland (Mountains)/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern
Heat	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern
Cold							
River Flooding							
Wind							
Heavy Rain Flash Flooding / Debris Flow	Inland	Inland	Inland	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern
Snow							
Coastal Flooding							
Risk Levels	Little to None		Minor		Moderate	Major	Extreme



Weather Key Points

Regional Operations Center

Western Region

Tuesday, August 2

- Scattered showers and thunderstorms will again be noted across the southern California mountains and deserts, Sierra, and northern mountains Tuesday. A few storms are also possible for far western portions of the Central Valley. Scattered showers and thunderstorms will linger over the Sierra and far northern mountains each day through midweek, with chances again increasing across southern California by late in the week.
 - Thunderstorms Tuesday across far northern California will bring a threat for dry lightning and gusty and erratic winds, yielding elevated to critical fire weather conditions over much of Siskiyou and Modoc Counties
 - Heavy rainfall is also possible with some storms through Tuesday, and may lead to localized flash flooding. The greatest threat for heavy rain Tuesday will be over the Sierra and across the Klamath Mountains and Modoc Plateau
 - Some localized burn scar impacts are also possible depending on the location of heaviest rainfall. At this time, there are no specific burn scars of most concern.
- Seasonable early August temperatures are expected for all areas through late week.

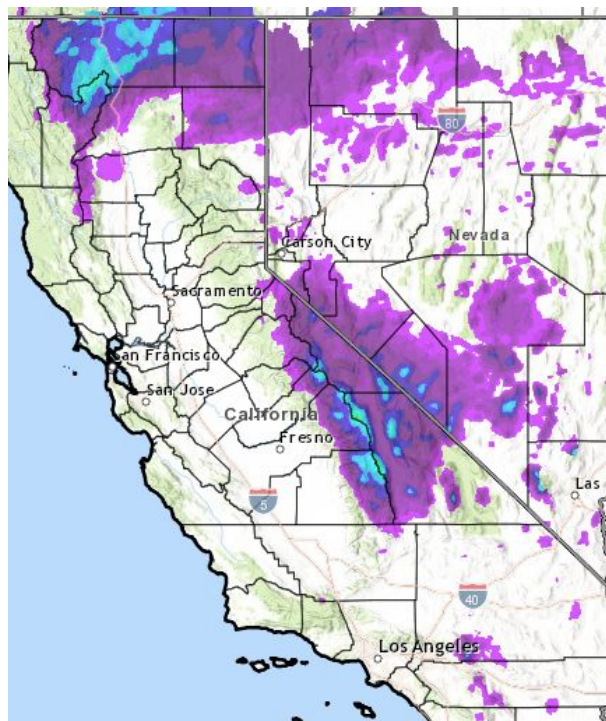


Precipitation Forecast

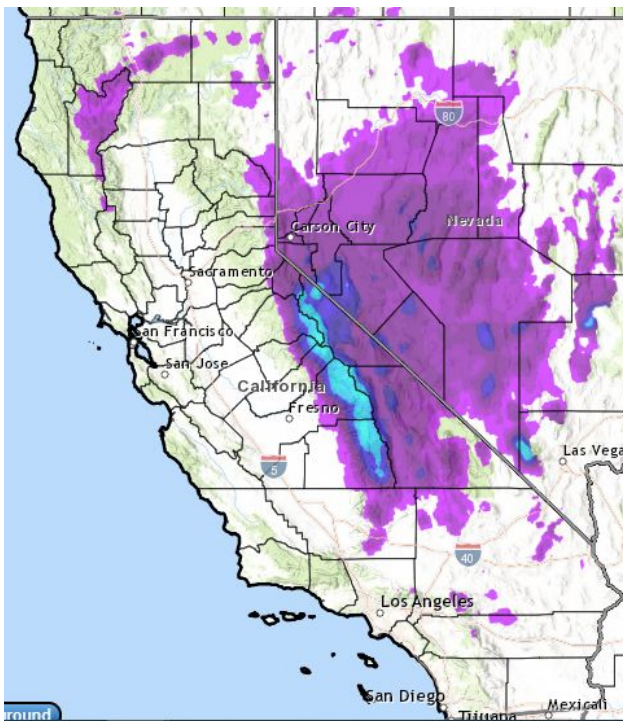
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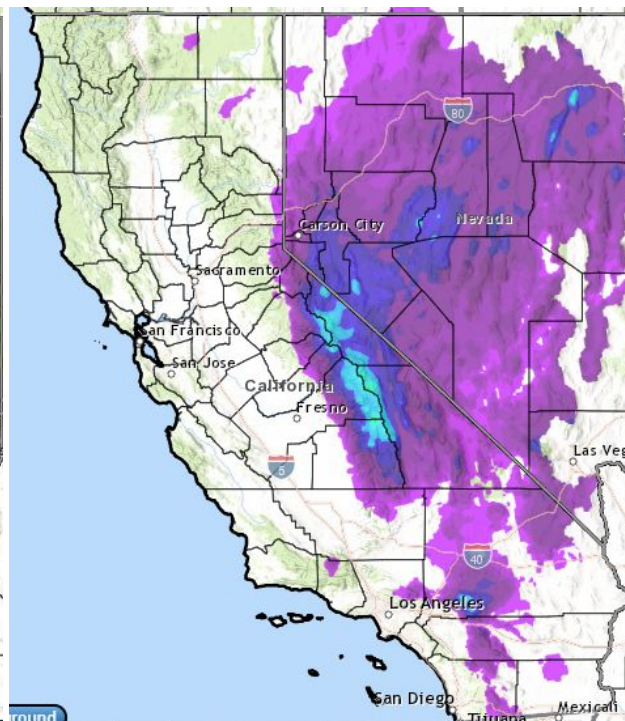
Tuesday, August 2



Tuesday



Wednesday



Thursday

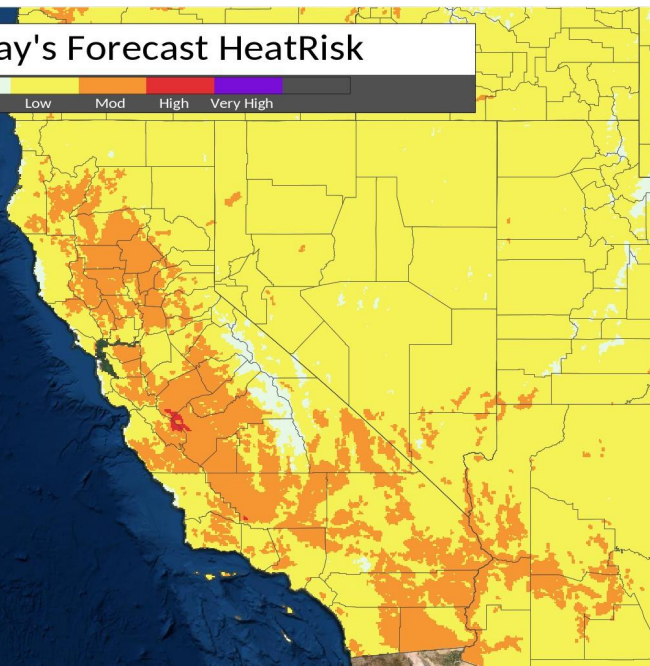
Important Note: Forecast precipitation amounts are an average for any particular location. Thunderstorms will produce locally much higher rainfall amounts.

Precipitation (inches)



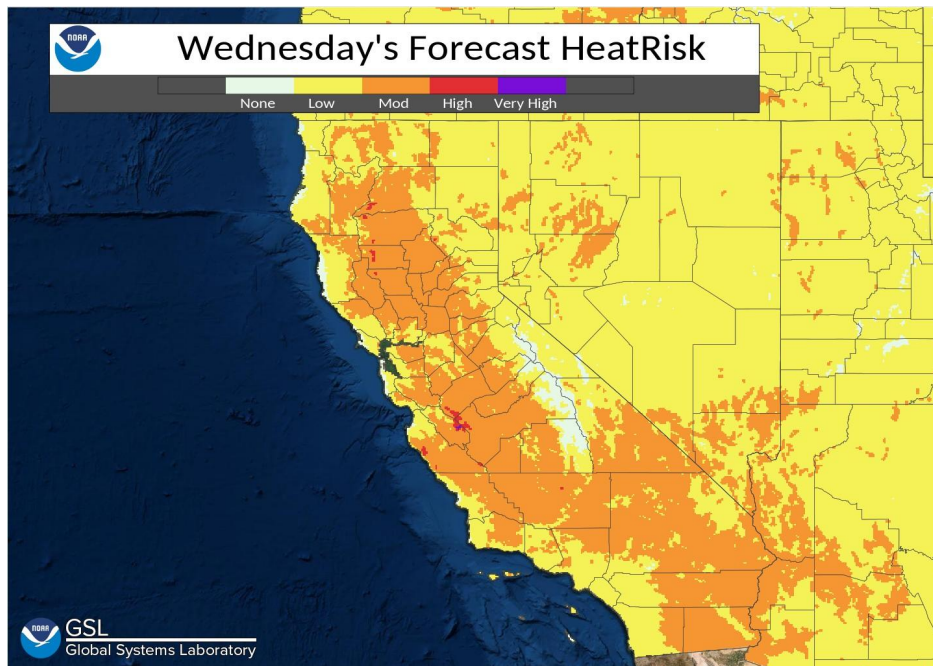
Tuesday's Forecast HeatRisk

None Low Mod High Very High



Wednesday's Forecast HeatRisk

None Low Mod High Very High



Green	Level 0	No Elevated Risk
Yellow	Level 1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	Level 2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Red	Level 3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	Level 4	Very High Risk for the entire population due to long duration heat, with little to no relief overnight



Weather Outlook (6-14 Days)

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6-10 Day Outlook (August 7 – August 11)

Temperatures

- Near to below normal temperatures are favored across southeastern California, with above normal temperatures favored for the remainder of the state

Precipitation

- Above normal precipitation is favored over the interior and southern regions of the state as the monsoon weather pattern remains active

8-14 Day Outlook (August 9 – August 15)

Temperatures

- Near to below normal temperatures are favored across southeastern California, with above normal temperatures favored for the remainder of the state

Precipitation

- Above normal precipitation is slightly favored over the interior and southern regions of the state as the monsoon weather pattern remains active



Risk Assessment Matrix

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Western Region

Tuesday, August 2

Impact Level Definition

- 1. Impactful weather is not expected.**
- 2. Potential threat to lives and property if no/incorrect actions are taken.**
 - Localized impacts on commerce possible.
 - Includes events that occur frequently.
- 3. Potential threat to lives and property if no/incorrect actions are taken.**
 - Impacts on commerce possible.
 - Includes events that occur a few times per year.
- 4. Actions likely needed to save lives and/or property.**
 - Significant impacts to commerce possible.
 - Includes events that occur infrequently.
- 5. Actions required to save lives and/or property.**
 - Significant and extended impacts to commerce.
 - Includes exceptionally rare events.

